



Division of Community and Public Health

[CDC WNV
Cases Maps
and Data
\(updated
weekly\)](#)

Missouri Department of Health and Senior Services 2020 Reports of Mosquito-borne Disease in Humans Week 53 Ending January 2, 2021

Total verified domestic human mosquito-borne disease cases: 1
Total verified domestic mosquito-borne disease-related fatalities*: 0

PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.

Table 1: West Nile virus and other domestic arboviruses

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
West Nile	Confirmed	Yes	St. Louis County	Not Imported	05/27/2020	No	Yes

Summary of Domestic Human Mosquito-borne Disease Cases Reported by Local Health Agency

Local Health Agency	Number of Reported Cases
St. Louis County	1

Table 2: Imported Chikungunya virus infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalized
Chikungunya	Probable	Yes	Acquired Out of Country	01/02/2020	No	No

Table 3: Imported dengue infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
Dengue	Confirmed	Yes	Acquired Out of Country	01/12/2020	No	No
Dengue	Confirmed	Yes	Acquired Out of Country	01/20/2020	No	No
Dengue	Probable	Yes	Acquired Out of Country	07/30/2020	No	Yes

Table 4: Imported zika infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 5: Heartland infections

Arbovirus	Case Status	Laboratory Confirmed	County Name	Onset Date	Fatality*	Hospitalized
Heartland	Confirmed	Yes	Gasconade	07/15/2020	Unknown	Yes
Heartland	Confirmed	Yes	Pulaski	06/20/2020	No	Yes
Heartland	Confirmed	Yes	Ralls	07/27/2020	No	Yes
Heartland	Confirmed	Yes	Greene	07/21/2020	No	Yes

- WNV** = West Nile virus
- SLE** = St. Louis encephalitis virus
- DEN** = dengue virus
- EEE** = Eastern Equine encephalitis virus
- CHIK** = chikungunya virus
- ZIKA** = zika virus
- N/A** = Information not available

*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

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